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Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=4; day=22; hr=14; min=14; sec=51; ms=503;]

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Application No: 10585916 Version No: 2.0

Input Set:

Output Set:

Started: 2008-04-08 18:40:45.370
Finished: 2008-04-08 18:40:46.250
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 880 ms
Total Warnings: 13
Total Errors: 0
No. of SeqIDs Defined: 13
Actual SeqID Count: 13

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SEQUENCE LISTING

<110> STYLES, Michelle Leanne
 ZENG, Jun
 TREUTLEIN, Herbert Rudolf
 WILKS, Andrew Frederick
 KLING, Marcel Robert
 BU, Xianyong
 BURNS, Christopher John

<120> SELECTIVE KINASE INHIBITORS

<130> 415852001100

<140> 10585916

<141> 2008-04-08

<150> PCT/AU2005/000022

<151> 2005-01-12

<150> AU 2004900103

<151> 2004-01-12

<160> 13

<170> PatentIn version 3.3

<210> 1

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1 5 10 15

Phe

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<211> 300

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20 25 30

Met Cys Arg Tyr Asp Pro Leu Gln Asp Asn Thr Gly Glu Val Val Ala

35 40 45

Val Lys Lys Leu Gln His Ser Thr Glu Glu His Leu Arg Asp Phe Glu

50 55 60

Arg Glu Ile Glu Ile Leu Lys Ser Leu Gln His Asp Asn Ile Val Lys

65 70 75 80

Tyr Lys Gly Val Cys Tyr Ser Ala Gly Arg Arg Asn Leu Lys Leu Ile

85 90 95

Met Glu Tyr Leu Pro Tyr Gly Ser Leu Arg Asp Tyr Leu Gln Lys His

100 105 110

Lys Glu Arg Ile Asp His Ile Lys Leu Leu Gln Tyr Thr Ser Gln Ile

115 120 125

Cys Lys Gly Met Glu Tyr Leu Gly Thr Lys Arg Tyr Ile His Arg Asp

130 135 140

Leu Ala Thr Arg Asn Ile Leu Val Glu Asn Glu Asn Arg Val Lys Ile

145 150 155 160

Gly Asp Phe Gly Leu Thr Lys Val Leu Pro Gln Asp Lys Glu Tyr Tyr

165 170 175

Lys	Val	Lys	Glu	Pro	Gly	Glu	Ser	Pro	Ile	Phe	Trp	Tyr	Ala	Pro	Glu
		180						185					190		
Ser	Leu	Thr	Glu	Ser	Lys	Phe	Ser	Val	Ala	Ser	Asp	Val	Trp	Ser	Phe
		195					200					205			
Gly	Val	Val	Leu	Tyr	Glu	Leu	Phe	Thr	Tyr	Ile	Glu	Lys	Ser	Lys	Ser
	210					215					220				
Pro	Pro	Ala	Glu	Phe	Met	Arg	Met	Ile	Gly	Asn	Asp	Lys	Gln	Gly	Gln
225					230					235					240
Met	Ile	Val	Phe	His	Leu	Ile	Glu	Leu	Leu	Lys	Asn	Asn	Gly	Arg	Leu
			245						250					255	
Pro	Arg	Pro	Asp	Gly	Cys	Pro	Asp	Glu	Ile	Tyr	Met	Ile	Met	Thr	Glu
			260					265					270		
Cys	Trp	Asn	Asn	Asn	Val	Asn	Gln	Arg	Pro	Ser	Phe	Arg	Asp	Leu	Ala
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<210> 11

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<212> PRT

<213> Artificial Sequence

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<223> JAK2 Kinase jlh

<400> 11

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			20					25					30		
Leu	Cys	Arg	Tyr	Asp	Pro	Glu	Asp	Asn	Thr	Gly	Glu	Gln	Val	Ala	Val
	35						40					45			
Lys	Ser	Leu	Lys	Pro	Glu	Ser	Gly	Gly	Asn	His	Ile	Ala	Asp	Leu	Lys
	50					55					60				
Lys	Glu	Ile	Glu	Ile	Leu	Arg	Asn	Leu	Tyr	His	Glu	Asn	Ile	Val	Lys
65					70					75					80
Tyr	Lys	Gly	Ile	Cys	Thr	Glu	Asp	Gly	Gly	Asn	Gly	Ile	Lys	Leu	Ile
			85						90					95	
Met	Glu	Phe	Leu	Pro	Ser	Gly	Ser	Leu	Lys	Glu	Tyr	Leu	Pro	Lys	Asn
		100						105					110		
Lys	Asn	Lys	Ile	Asn	Leu	Lys	Gln	Gln	Leu	Lys	Tyr	Ala	Val	Gln	Ile
	115						120					125			
Cys	Lys	Gly	Met	Asp	Tyr	Leu	Gly	Ser	Arg	Gln	Tyr	Val	His	Arg	Asp
	130						135					140			
Leu	Ala	Ala	Arg	Asn	Val	Leu	Val	Glu	Ser	Glu	His	Gln	Val	Lys	Ile
145					150					155					160
Gly	Asp	Phe	Gly	Leu	Thr	Lys	Ala	Ile	Glu	Thr	Asp	Lys	Glu	Tyr	Tyr
			165						170					175	
Thr	Val	Lys	Asp	Asp	Arg	Asp	Ser	Pro	Val	Phe	Trp	Tyr	Ala	Pro	Glu
		180						185					190		
Cys	Leu	Met	Gln	Ser	Lys	Phe	Tyr	Ile	Ala	Ser	Asp	Val	Trp	Ser	Phe
	195						200					205			
Gly	Val	Thr	Leu	His	Glu	Leu	Leu	Thr	Tyr	Cys	Asp	Ser	Asp	Ser	Ser
	210					215					220				
Pro	Met	Ala	Leu	Phe	Leu	Lys	Met	Ile	Gly	Pro	Thr	His	Gly	Gln	Met
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 20 25 30
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 35 40 45
 Val Lys Ala Leu Lys Ala Asp Cys Gly Pro Gln His Arg Ser Gly Trp
 50 55 60
 Lys Gln Glu Ile Asp Ile Leu Arg Thr Leu Tyr His Glu His Ile Ile
 65 70 75 80
 Lys Tyr Lys Gly Cys Cys Glu Asp Gln Gly Glu Lys Ser Leu Gln Leu
 85 90 95
 Val Met Glu Tyr Val Pro Leu Gly Ser Leu Arg Asp Tyr Leu Pro Arg
 100 105 110
 His Ser Ile Gly Leu Ala Gln Leu Leu Leu Phe Ala Gln Gln Ile Cys
 115 120 125
 Glu Gly Met Ala Tyr Leu His Ala His Asp Tyr Ile His Arg Asp Leu
 130 135 140
 Ala Ala Arg Asn Val Leu Leu Asp Asn Asp Arg Leu Val Lys Ile Gly
 145 150 155 160
 Asp Phe Gly Leu Ala Lys Ala Val Pro Glu Gly His Glu Tyr Tyr Arg
 165 170 175
 Val Arg Glu Asp Gly Asp Ser Pro Val Phe Trp Tyr Ala Pro Glu Cys
 180 185 190
 Leu Lys Glu Tyr Lys Phe Tyr Tyr Ala Ser Asp Val Trp Ser Phe Gly
 195 200 205
 Val Thr Leu Tyr Glu Leu Leu Thr His Cys Asp Ser Ser Gln Ser Pro
 210 215 220
 Pro Thr Lys Phe Leu Glu Leu Ile Gly Ile Ala Gln Gly Gln Met Thr
 225 230 235 240
 Val Leu Arg Leu Thr Glu Leu Leu Glu Arg Gly Glu Arg Leu Pro Arg
 245 250 255
 Pro Asp Lys Cys Pro Cys Glu Val Tyr His Leu Met Lys Asn Cys Trp
 260 265 270
 Glu Thr Glu Ala Ser Phe Arg Pro Thr Phe Glu Asn Leu Ile Pro Ile
 275 280 285
 Leu Lys Thr Val His Glu Lys Tyr
 290 295